

Inventor Search

MARX 09/744,502

=> d his

(FILE 'HOME' ENTERED AT 16:13:25 ON 28 FEB 2003)

FILE 'HCAPLUS' ENTERED AT 16:13:33 ON 28 FEB 2003

L1 1 S SUSAN V?/AU
L2 79 S TORRES O?/AU
L3 0 S ESQUIVIAS M?/AU
E ESQUIV/AU
E ESQUIVI/AU
L4 1547 S GARCIA V?/AU
L5 1386 S GOMEZ R?/AU
L6 0 S CORCOLES H?/AU
E CORCOLE/AU
E GOMEZ ACE/AU
L7 2 S GULLON E?/AU
L8 0 S L1-7 AND RHIZOCT?
L9 0 S L1-7 AND RHIZ?
L10 1 S WO 1999-GB02406/AP
E LOPEZ CORCOLES/AU
L11 1 S E76
E RUBIO SUSAN/AU
L12 4 S E88
E SALAZAR TORRES/AU
L13 1 S E100
E JULIAN ESQUIVIAS/AU
L14 1 S E112
E GONZALES GARCIA/AU
L15 1 S E128
E GOMEZ-ACEBO/AU
E GOMEZ ACEBO/AU
L16 1 S E148
E MUNOZ GOMEZ/AU
L17 1 S E163
E LOPEZ CORCOL/AU
L18 1 S E172
L19 1 S L11-L18 AND RHIZ?
SELECT RN L19 1

CAS Indexed the
inventors by their
middle & last name

FILE 'REGISTRY' ENTERED AT 16:30:29 ON 28 FEB 2003

L20 45 S E181-225

FILE 'HCAPLUS' ENTERED AT 16:30:57 ON 28 FEB 2003

L21 1 S L19 AND L20

1 citation w/ 45 cys
displayed

=> d ibib abs hitstr

L21 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:84552 HCAPLUS
 DOCUMENT NUMBER: 132:133605
 TITLE: Selection of plant-protective strains of binucleate
Rhizoctonia using molecular markers
 INVENTOR(S): Rubio Susan, Victor; Salazar Torres,
 Oscar; Julian Esquivias, Maria;
 Gonzales Garcia, Vicente; Gomez-acebo
 Gullon, Eduardo; Munoz Gomez, Ramona;
 Lopez Corcoles, Horacio
 PATENT ASSIGNEE(S): Instituto Tecnico Agronomico Provincial, S.A., Spain;
 Salazar Torres, Oscar; Julian Esquivias, Maria;
 Gonzales Garcia, Vicente; Gomez-Acebo Gullon, Eduardo;
 Munoz Gomez, Ramona; Lopez Corcoles, Horacio
 SOURCE: PCT Int. Appl., 121 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000004779	A1	20000203	WO 1999-GB2406	19990723
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9950573	A1	20000214	AU 1999-50573	19990723
EP 1102539	A1	20010530	EP 1999-934956	19990723
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			GB 1998-16265	A 19980724
			WO 1999-GB2406	W 19990723
AB	Methods of selecting strains of binucleate Rhizoctonia that can be used in protection of plants against pathogenic fungi is achieved by the detection of certain ITS ribosomal sequences, the protective strains suitably being members of a phylogenetically differentiated cluster. A new group of binucleate Rhizoctonia is identified for such use. Identification of protective strains and characterization of their protective properties are demonstrated. Successful protection of a no. of crop plants, including grass, tomato, carrot, alfalfa, wheat, rape and pine seedlings against pathogenic Rhizoctonia is demonstrated.			
IT	256440-36-5, GenBank AJ242890 256440-37-6, GenBank AJ242891 256440-38-7, GenBank AJ242892 256440-39-8, GenBank AJ242893 256440-40-1, GenBank AJ242894 256440-41-2, GenBank AJ242895 256440-42-3, GenBank AJ242896 256440-43-4, GenBank AJ242897 256440-44-5, GenBank AJ242898 256440-45-6, GenBank AJ242899 256440-46-7, GenBank AJ242900 256440-47-8, GenBank AJ242901 256440-50-3, GenBank AJ242902 256440-68-3, GenBank AJ242903 256440-72-9, GenBank AJ242904 256440-73-0, GenBank AJ242905			

RL: AGR (Agricultural use); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); OCCU (Occurrence); USES (Uses)

(nucleotide sequence; selection of plant-protective strains of binucleate **Rhizoctonia** using mol. markers)

RN 256440-36-5 HCAPLUS

CN GenBank AJ242890 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-37-6 HCAPLUS

CN GenBank AJ242891 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-38-7 HCAPLUS

CN GenBank AJ242892 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-39-8 HCAPLUS

CN GenBank AJ242893 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-40-1 HCAPLUS

CN GenBank AJ242894 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-41-2 HCAPLUS

CN GenBank AJ242895 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-42-3 HCAPLUS

CN GenBank AJ242896 (9CI) (CA INDEX NAME)

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RN 256440-43-4 HCAPLUS

CN GenBank AJ242897 (9CI) (CA INDEX NAME)

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RN 256440-44-5 HCAPLUS

CN GenBank AJ242898 (9CI) (CA INDEX NAME)

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CN GenBank AJ242899 (9CI) (CA INDEX NAME)

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RN 256440-46-7 HCAPLUS

CN GenBank AJ242900 (9CI) (CA INDEX NAME)

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CN GenBank AJ242901 (9CI) (CA INDEX NAME)

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RN 256440-50-3 HCAPLUS

CN GenBank AJ242902 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-68-3 HCAPLUS

CN GenBank AJ242903 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-72-9 HCAPLUS
CN GenBank AJ242904 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-73-0 HCAPLUS
CN GenBank AJ242905 (9CI) (CA INDEX NAME)

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AJ242876 256440-76-3, GenBank AJ242877 256440-77-4,
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256440-79-6, GenBank AJ242880 256440-80-9, GenBank
AJ242881 256440-81-0, GenBank AJ242882 256440-82-1,
GenBank AJ242883 256440-83-2, GenBank AJ242884
256440-84-3, GenBank AJ242885 256440-85-4, GenBank
AJ242886 256440-86-5, GenBank AJ242887 256440-87-6,
GenBank AJ242888 256440-88-7, GenBank AJ242889
RL: PRP (Properties)
(nucleotide sequence; selection of plant-protective strains of
binucleate **Rhizoctonia** using mol. markers)

RN 256440-74-1 HCAPLUS
CN GenBank AJ242875 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-75-2 HCAPLUS
CN GenBank AJ242876 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-76-3 HCAPLUS
CN GenBank AJ242877 (9CI) (CA INDEX NAME)

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RN 256440-77-4 HCAPLUS
CN GenBank AJ242878 (9CI) (CA INDEX NAME)

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CN GenBank AJ242881 (9CI) (CA INDEX NAME)

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CN GenBank AJ242885 (9CI) (CA INDEX NAME)

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RN 256440-85-4 HCAPLUS
CN GenBank AJ242886 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-86-5 HCAPLUS
CN GenBank AJ242887 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-87-6 HCAPLUS
CN GenBank AJ242888 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256440-88-7 HCAPLUS
CN GenBank AJ242889 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 256467-58-0 256467-59-1 256467-60-4
256467-61-5 256467-62-6 256467-63-7
256467-64-8 256467-65-9 256467-66-0
256467-67-1 256467-68-2 256467-69-3
256467-70-6 256467-71-7

RL: AGR (Agricultural use); ARG (Analytical reagent use); PRP
(Properties); ANST (Analytical study); BIOL (Biological study); USES
(Uses)

(primer for detn. of **Rhizoctonia** ITS type; selection of
plant-protective strains of binucleate **Rhizoctonia** using mol.
markers)

RN 256467-58-0 HCAPLUS
CN DNA, d(C-C-C-T-A-T-T-A-A-G-G-G-G-C-A) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-59-1 HCAPLUS
CN DNA, d(C-C-G-T-A-A-A-A-A-G-T-C-T-T) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-60-4 HCAPLUS
CN DNA, d(C-C-A-C-A-C-A-A-A-C-C-C-A-T-T-G-T-A-T-T) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-61-5 HCAPLUS
CN DNA, d(A-A-T-T-G-T-T-C-C-T-T-T-G-G-G-C-A-C) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-62-6 HCAPLUS
CN DNA, d(G-G-A-A-C-C-T-T-T-A-T-T-G-G-A-C) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-63-7 HCAPLUS
CN DNA, d(C-T-C-A-A-T-T-T-A-T-T-T-A-A-A-A-C-G-A) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-64-8 HCAPLUS
CN DNA, d(T-T-G-A-A-T-G-A-A-T-A-T-A-G-A-G-T-T-G) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-65-9 HCAPLUS
CN DNA, d(T-C-G-A-A-T-G-A-A-C-A-A-T-G-G-G-G-A-T-C-G) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-66-0 HCAPLUS
CN DNA, d(T-C-C-T-C-C-G-G-G-A-G) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-67-1 HCAPLUS
CN DNA, d(T-T-C-T-T-C-A-T-T-G-A-G-G) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-68-2 HCAPLUS
CN DNA, d(A-G-A-C-G-G-A-G-G-A-C-C-G-T-A-A-A-A-A-A) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-69-3 HCAPLUS
CN DNA, d(T-T-C-C-G-T-C-T-A-T-T-A-A-A-C-C) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-70-6 HCAPLUS
CN DNA, d(A-C-A-C-A-A-A-C-C-C-C-A-T-T-G-T-A-T-T-T-A-A-A-T-T-G) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 256467-71-7 HCAPLUS
CN DNA, d(A-C-A-T-A-A-A-C-T-C-C-A-A-T-T-T-A-A-T-A-A-A-T-C-T-G) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ONLINE SEARCH REQUEST FORM

PATENT AND TRADEMARK

87109

USER Irene Marx

SERIAL NUMBER 09/744502

ART UNIT 1651

PHONE 308-2922

DATE 2/21/03

Please give a detailed statement of requirements. Describe as specifically as possible the subject matter to be searched. Define any terms that may have special meaning. Give examples or relevant citations, authors, or keywords, if known.

You may include a copy of the broadest and or relevant claim(s).

Please search inventors

Cl. 1-6 and 9

Seq. 20

Please search

Rhizoctonia - binucleate

ITS ribosomal sequence

protect plants

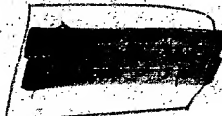
inhibit, control, kill fungi

Point of Contact
Susan Hanley
Technical Info. Specialist
CM1 6805 Tel: 305-4053

RECEIVED

19 22 2003

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 already approved
(attached)

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DIALOG

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